



PATENTS  
LT-138 Cont. 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Trevor W. Barcelo et al.  
Application No.: 10/716,129 Confirm. No.: 7038  
Filed : November 17, 2003  
For : CONSTANT-CURRENT/CONSTANT-VOLTAGE  
CIRCUIT ARCHITECTURE  
Group Art Unit : 2838  
Examiner : Not yet known

New York, New York  
February 27, 2004

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER FOR  
INFORMATION DISCLOSURE STATEMENT

Sir:

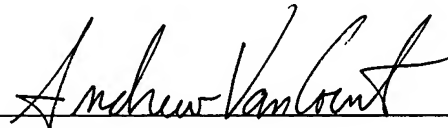
Transmitted herewith is an Information Disclosure  
Statement in the above-identified application. This  
Statement is submitted:

[ ] within three months of the application  
filing date;

[X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.98, submission of this statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

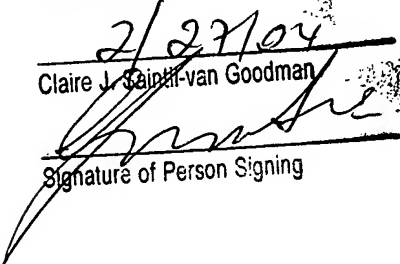
Respectfully submitted,



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2/27/04  
Claire J. Saint-van Goodman



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LT-138 CONT. 3

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PATENT APPLICATION

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New York, New York 10020  
February 27, 2004

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97,  
applicants hereby make the documents listed below of record  
in the above-identified application.

	<u>U.S. Patents</u>	
Numata et al.	4,853,609	Aug. 1, 1989
Smith	5,266,887	Nov. 30, 1993
Smith	5,519,309	May 21, 1996
Bartlett	5,519,310	May 21, 1996
Nauta	5,936,393	Aug. 10, 1999

Nauta	5,973,490	Oct. 26, 1999
Johnson et al.	6,194,967	Feb. 27, 2001
Zabroda	6,343,024	Jan. 29, 2002
Oikawa	6,587,000	July 1, 2003

#### Other Documents

"SC801 Fully Integrated High Current Lithium-Ion Battery Charger System," Semtech Corp., pp. 1-10, April 26, 2001.

"MAX1811 USB-Powered Li+ Charger," Maxim Integrated Products, pp. 1-8, April 2001.

"ADP3810/ADP3811 Secondary Side, Off-Line Battery Charger Controllers," Analog Devices, pp. 1-16, October 1996.

"Li-ion/Li Polymer Battery Charger ISL6292 Data Sheet," Intersil, pp. 1-20, July 2003.

Li-ion/Li Polymer Battery Charger ISL6292 New Product Profile," Intersil, pp. 1-3, 2002.

Each of the aforementioned documents listed on the accompanying Form PTO-1449 (submitted in duplicate) are enclosed herewith.

It is respectfully requested that these documents be: (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application.

Applicants request that a copy of Form PTO-1449 (submitted in duplicate herewith), as considered and initialed by the Examiner, be returned with the next communication.

Also enclosed herewith is a declaration under 37 C.F.R. § 1.131 by applicants establishing that the date of the invention is before the publication date of the MAX1811 USB-Powered Li+ Charge, which was published in April 2001.

An early and favorable action is respectfully requested.

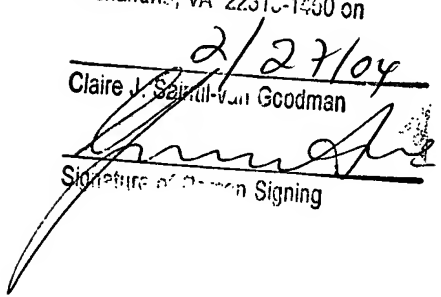
Respectfully submitted,



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Tel.: (212) 596-9000

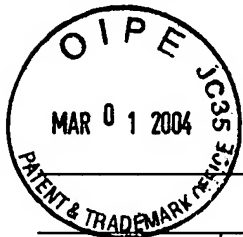
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Alexandria, VA 22310-1450 on

2/27/04  
Claire J. Saint-Vincent Goodman



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
LT-138 Cont. 3APPLICATION  
NO. 10/716,129INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTSAPPLICANTS  
Trevor W. Barcelo et al.CONFIRMATION  
NO. 7038FILING DATE  
November 17, 2003GROUP  
2838

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,853,609	08/01/89	Numata et al.	323	315	
	5,266,887	11/30/93	Smith	323	316	
	5,519,309	05/21/96	Smith	323	316	
	5,519,310	05/21/96	Bartlett	323	316	
	5,936,393	08/10/99	Nauta	323	316	
	5,973,490	10/26/99	Nauta	323	316	
	6,194,967	02/27/01	Johnson et al.	323	315	
	6,343,024	01/29/02	Zabroda	323	316	
	6,587,000	07/01/03	Oikawa	323	315	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	"SC801 Fully Integrated High Current Lithium-Ion Battery Charger System," <u>Semtech Corp.</u> , pp.1-10, April 26, 2001.
	"MAX1811 USB-Powered Li+ Charger," <u>Maxim Integrated Products</u> , pp. 1-8, April 1, 2001.
	"ADP3810/ADP3811 Secondary Side, Off-Line Battery Charger Controllers," <u>Analog Devices</u> , pp. 1-16, October 1996.
	"Li-ion/Li Polymer Battery Charger ISL6292 Data Sheet," <u>Intersil</u> , pp. 1-20, July 2003.
	"Li-ion/Li Polymer Battery Charger ISL6292 New Product Profile," <u>Intersil</u> , pp. 1-3, 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.